

INFORMATION REPORT

CENTRAL INTELLIGENCE AGENCY

REPORT

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COUNTRY Germany (Russian Zone)

DATE DISTR.

SUBJECT Research in the Field of Electromagnetic Microscopes at Zeiss, Jena

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1. A department of Zeiss, Jena, is building two electron microscopes. One of these will be a normal model which could later be put into production if required. The other is an experimental model to be retained for research into improvement of electron microscopes.
2. Up to now (June 1950), German electron microscopes have employed electromagnetic focusing and control of the electron beam. Zeiss is experimenting with electrostatic beam control* which, it is believed, will be simpler and more accurate.

Comment: planned production in 1950 of 10 electrostatic electron microscopes.

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